



**UNITED STATES PATENT AND TRADEMARK OFFICE**

Re: Application of:	Andreas KRAETZSCHMAR et al	
Serial No.:	09/831,968	Confirmation No.: 3586
Filed:	May 16, 2001	
For:	SELF-RECOVERING CURRENT-LIMITING DEVICE WITH LIQUID METAL	
Art Unit:	2836	
Examiner:	James A. Demakis	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

February 3, 2004

## **AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION**

Sir:

In response to the final office action dated December 19, 2003 received in the above-identified application, Applicants hereby respectfully request reconsideration of the application based on the following remarks.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks begin on page 4 of this paper.**

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
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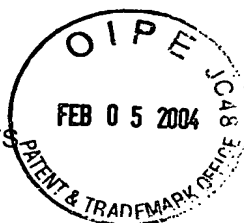


Image AF/2836

Docket No.: 521.1001  
Date: February 3, 2004

In re application of: **KRAETZSCHMAR, et al.**  
Serial No.: 09/831,968  
Filed: 05/16/2001  
For: **SELF-RECOVERING CURRENT-LIMITING DEVICE WITH LIQUID METAL**

Sir:

Transmitted herewith is an **Amendment and Response to Final Office Action (6 pages)** in the above-identified application.

- ☐ Small entity status under 37 C.F.R. 1.9 and 1.27 has been previously established.  
☐ Applicants assert small entity status under 37 C.F.R. 1.9 and 1.27.  
☒ No fee for additional claims is required.  
☐ A filing fee for additional claims calculated as shown below, is required:

		(Col. 1)	(Col. 2)	SMALL ENTITY		OR	LARGE ENTITY	
FOR:		REMAINING	HIGHEST	RATE	FEE		RATE	FEE
		AFTER	PREVIOUSLY	PRESENT				
		AMENDMENT	PAID FOR	EXTRA				
TOTAL CLAIMS	* Minus**	=	0	x \$ 9	\$		x \$ 18	\$
INDEP. CLAIMS	* Minus***	=	0	x \$ 40	\$		x \$ 80	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+ \$135	\$		+ \$270	\$


TOTAL: \$ OR TOTAL: \$

- \* If the entry in Co. 1 is less than the entry in Col. 2, write "0" in Col. 3.  
\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.  
\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

- ☐ Also transmitted herewith are:  
☐ Petition for extension under 37 C.F.R. 1.136  
☐ Other:
- ☐ Check(s) in the amount of **\$0.00** is/are attached to cover:  
☐ Filing fee for additional claims under 37 C.F.R. 1.16  
☐ Petition fee for extension under 37 C.F.R. 1.136  
☐ Other:
- ☒ The Assistant Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0552.
- ☒ Any filing fee under 37 C.F.R. 1.16 for the presentation of additional claims which are not paid by check submitted herewith.
- ☒ Any patent application processing fees under 37 C.F.R. 1.17.
- ☒ Any petition fees for extension under 37 C.F.R. 1.136 which are not paid by check submitted herewith, and it is hereby requested that this be a petition for an automatic extension of time under 37 CFR 1.136.

  
William C. Gehris, Reg. No. 38,156  
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I hereby certify that the documents referred to as attached therein and/or fee are being deposited with the United States Postal Service as "first class mail" with sufficient postage in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on February 3, 2004.  
DAVIDSON, DAVIDSON & KAPPEL, LLC

BY:   
Jan Decker